

PI 547212 to 547226-continued

- PI 547221 **origin:** United States. **collected:** September 21, 1989. **collector id:** STR-2068. **other id:** Ames 13049. **source:** NC-7. **group:** Ames. **locality:** In thickets, in roadside ditch along edge of woods. Hwy. 27S 8.8km south of Richmond, Wayne County. **latitude:** 39 deg. 46 min. W. **longitude:** 84 deg. 52 min. N. **remarks:** Seed collected from 33 plants, population part of larger population scattered for a few meters. Plant just past peak flowering, 1-3 seeds per head. Plants in dry area, more single headed plants along edge of woods. More branched, bracts glabrous, somewhat reflexed, heads about 1/2" diameter. Leaves tomentose below, deeply veined (lateral), powdery mildew present, possibly verticillium. Also had. Seed.
- PI 547222 **origin:** United States. **collected:** September 22, 1989. **collector id:** STR-2072. **other id:** Ames 13050. **source:** NC-7. **group:** Ames. **locality:** In roadside ditch, along edge of wooded area, near recent bridge construction. Hwy. 56W, 5.1km west of Salem, Washington County. **latitude:** 38 deg. 36 min. W. **longitude:** 86 deg. 09 min. N. **remarks:** Seed collected from 40 plants, small isolated population. Plants at peak flowering, 3-5 seeds per head. Many single headed plants on drier slopes. Many lower leaves already dried up, but no evidence of rust. Lower leaf surface tomentose. Prominently veined. Some plants branched above. Bracts ciliate. Specimen collected. Collection #2072. Seed.
- PI 547223 **origin:** United States. **collected:** September 23, 1989. **collector id:** STR-2074. **other id:** Ames 13051. **source:** NC-7. **group:** Ames. **locality:** Edge of roadside ditch, edge of stream. Area had been mowed close by. Hwy. 46W, 10.1km southeast of Spenser, Monroe County. **latitude:** 39 deg. 17 min. W. **longitude:** 86 deg. 40 min. N. **remarks:** Seed collected from 30 plants, small isolated population. Plants at peak flowering, seed set 3-5 seed per head. Plants tall, 2 - 2 1/2 m. More typical strumosus, leaves, bracts glabrous, branched above. Specimen collected. Collection #2074. Seed.
- PI 547224 **origin:** United States. **collected:** September 23, 1989. **collector id:** STR-2075. **other id:** Ames 13052. **source:** NC-7. **group:** Ames. **locality:** Roadside ditch, in swampy area next to stream. Hwy. 246W, 4.8km west of Patricksburg, Owen County. **latitude:** 39 deg. 16 min. W. **longitude:** 86 deg. 59 min. N. **remarks:** Seed collected from 40 plants, small isolated population. Plants just past peak flowering, seed set variable, 1-5 seeds per head. Plants had mostly strumosus characteristics but tuberosus leaf characters. Specimen collected. Collection #2075. Seed.